

# M 5.5, 26km ESE of Lamitan, Philippines

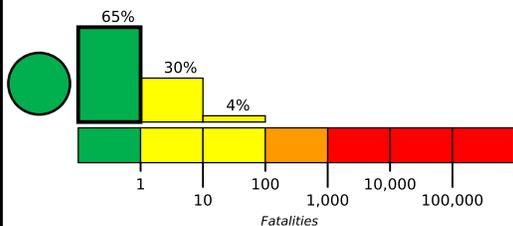
Origin Time: 2019-08-02 16:10:11 UTC (Sat 00:10:11 local)  
Location: 6.0326° N 125.9365° E Depth: 147.5 km

**PAGER**  
Version 3

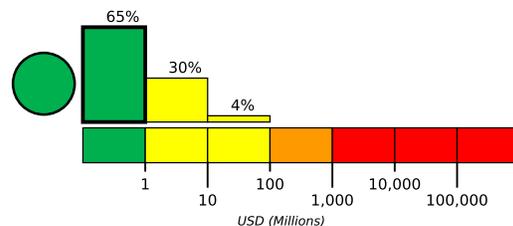
Created: 2 hours, 2 minutes after earthquake

## Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



## Estimated Economic Losses

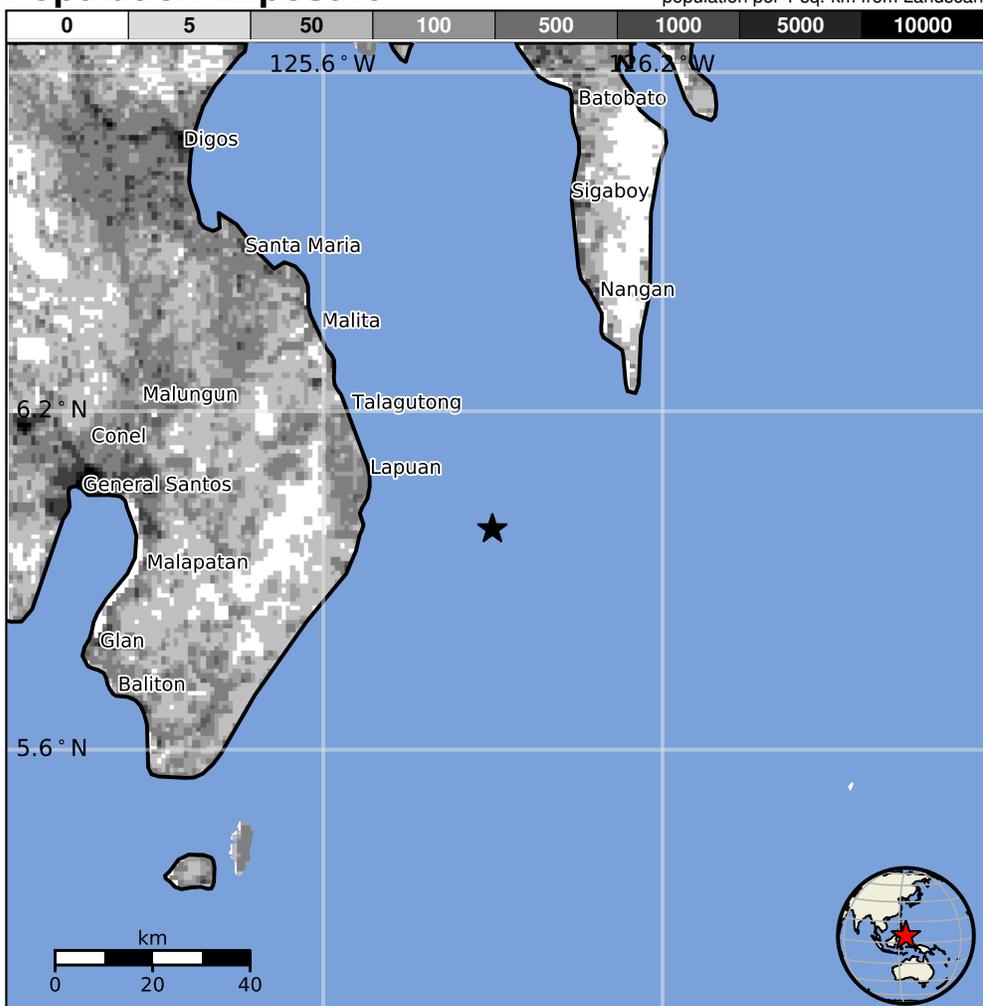


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	2,436k*	71k	0	0	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-05-23	227	5.7	VII(70k)	1
1987-05-18	257	6.2	VIII(12k)	1
2002-03-05	190	7.5	VIII(12k)	15

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	<b>Malita</b>	41k
IV	Lun Pequeno	12k
IV	Buayan	15k
IV	Lais	2k
III	Luzon	3k
III	Alabel	43k
III	<b>Digos</b>	116k
III	Lupon	27k
III	<b>General Santos</b>	680k
III	<b>Malungun</b>	52k
III	Polomolok	64k

bold cities appear on map.

(k=x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us60004znb#pager>

Event ID: us60004znb